

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037608.D
 Acq On : 27 Oct 2018 8:52
 Operator : JU/SJ
 Sample : J5662-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 102318-TIPC-F-D-S

Quant Time: Oct 29 04:11:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

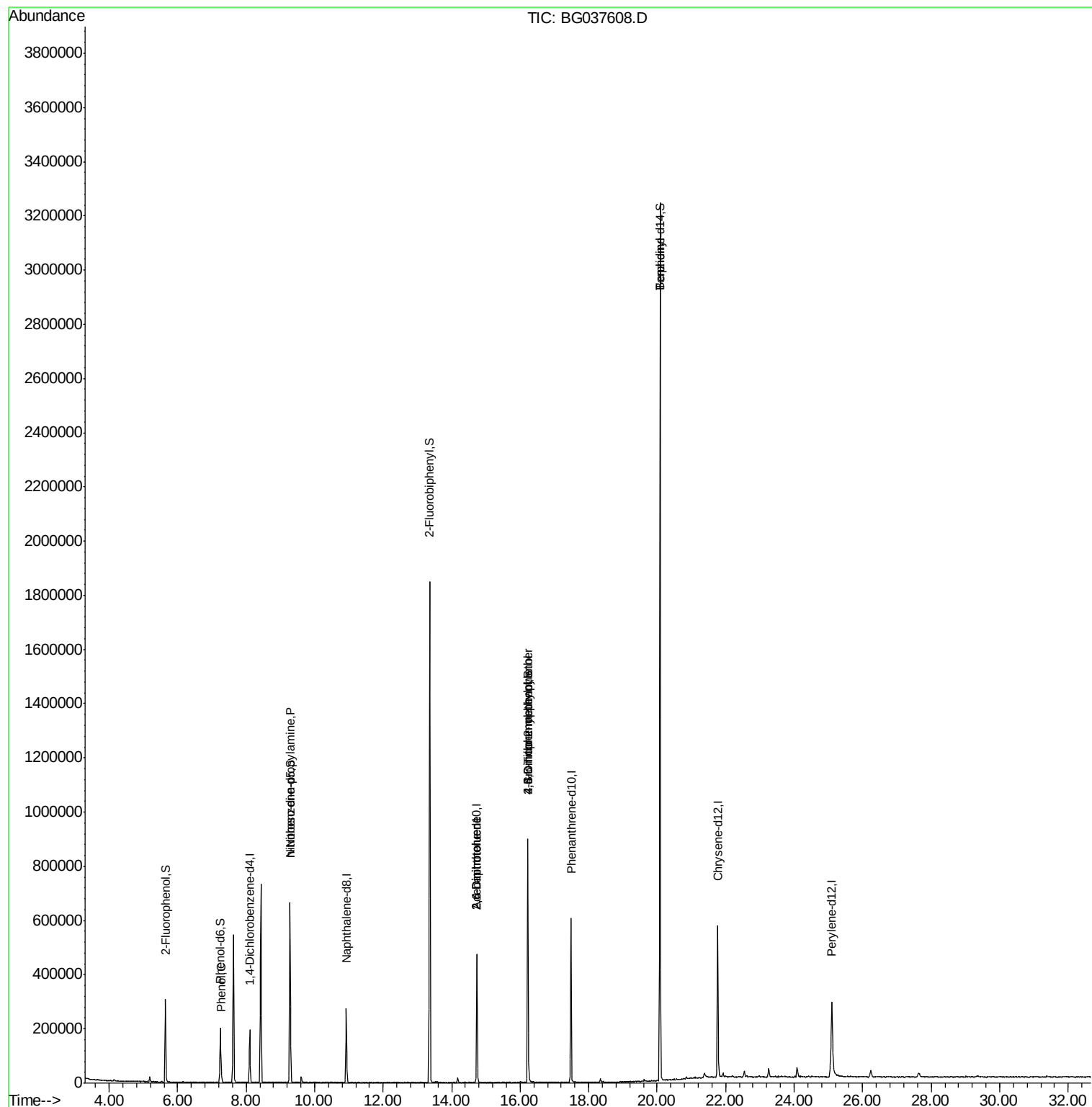
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	57996	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	242116	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	166185	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	403249	20.00	ng	0.00
76) Chrysene-d12	21.77	240	365257	20.00	ng	0.00
87) Perylene-d12	25.10	264	344780	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	141252	40.72	ng	0.00
7) Phenol-d6	7.24	99	129179	24.63	ng	-0.01
23) Nitrobenzene-d5	9.28	82	418452	96.82	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	162682	89.75	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1008004	91.47	ng	0.00
79) Terphenyl-d14	20.08	244	1504452	88.01	ng	0.00
Target Compounds						
10) Phenol	7.27	94	34055	6.153	ng	97
19) n-Nitroso-di-n-propylamine	9.28	70	52673	14.582	ng	# 72
51) 2,6-Dinitrotoluene	14.73	165	21808	7.668	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	21808	5.841	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	233	8.598	ng	95
67) 4-Bromophenyl-phenylether	16.22	248	11553	2.609	ng	# 1
77) Benzidine	20.08	184	25558	2.058	ng	# 89

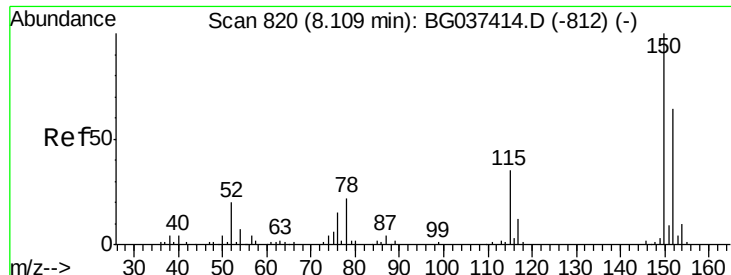
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
Data File : BG037608.D
Acq On : 27 Oct 2018 8:52
Operator : JU/SJ
Sample : J5662-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
102318-TIPC-F-D-S

Quant Time: Oct 29 04:11:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration



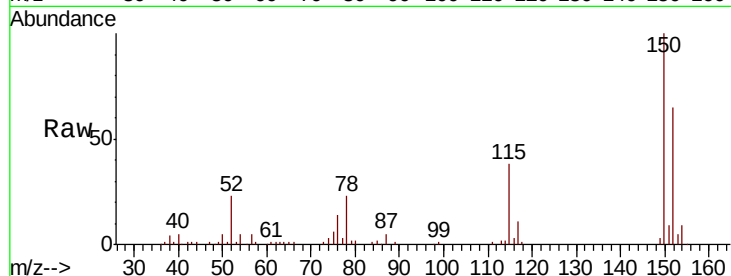


#1

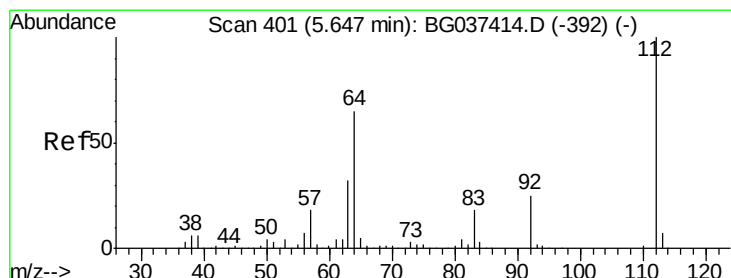
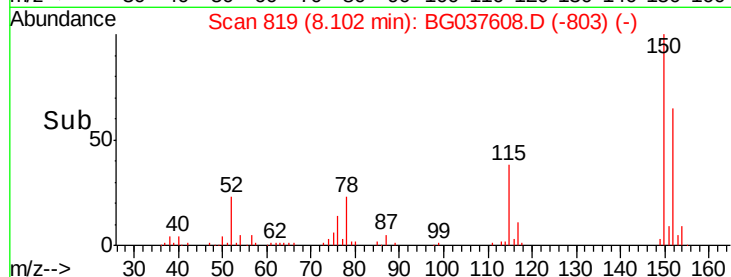
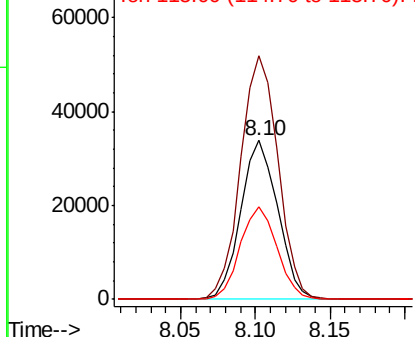
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Instrument :
BNA_G
ClientSampleId :
102318-TIPC-F-D-S

Tot Ion:152 Resp: 57996
Ion Ratio Lower Upper
152 100
150 153.3 126.0 189.0
115 58.0 45.5 68.3



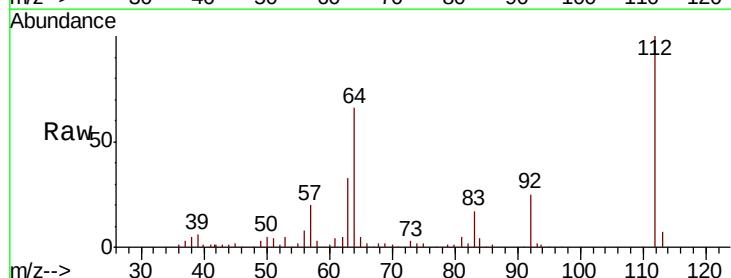
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



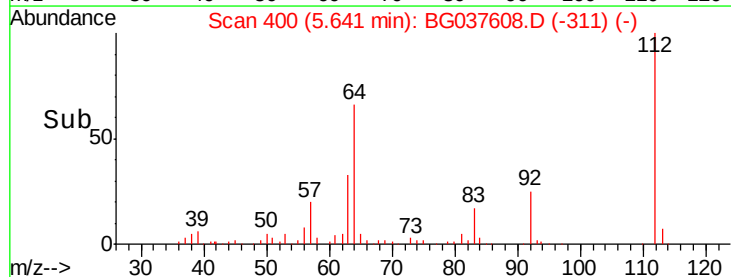
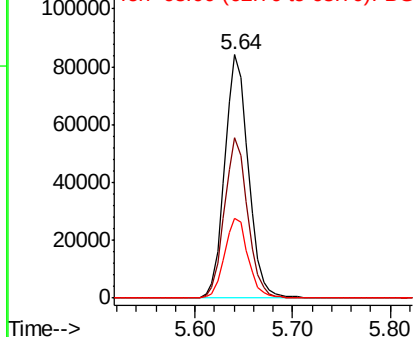
#5

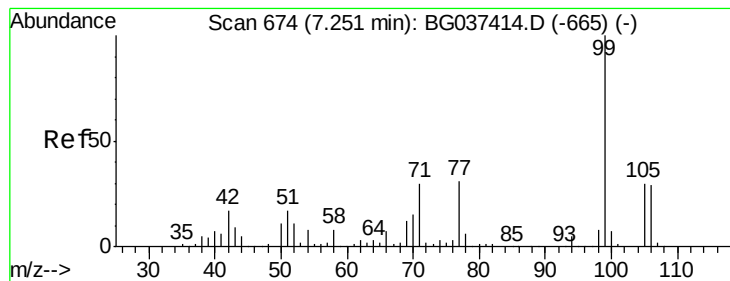
2-Fluorophenol
Concen: 40.719 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Tgt Ion:112 Resp: 141252
Ion Ratio Lower Upper
112 100
64 66.1 53.1 79.7
63 33.0 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 24.627 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037608.D

Acq: 27 Oct 2018 8:52

Instrument :

BNA_G

ClientSampleId :

102318-TIPC-F-D-S

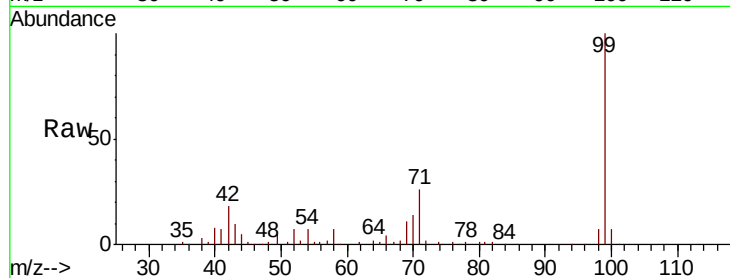
Tot Ion: 99 Resp: 129179

Ion Ratio Lower Upper

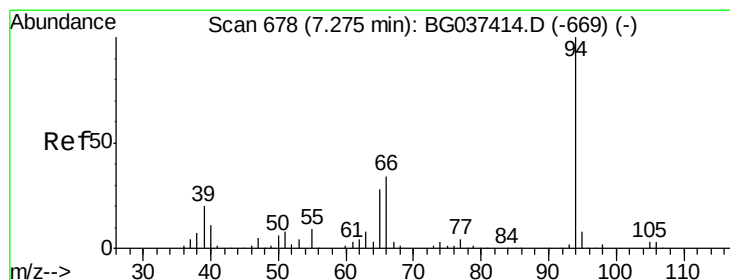
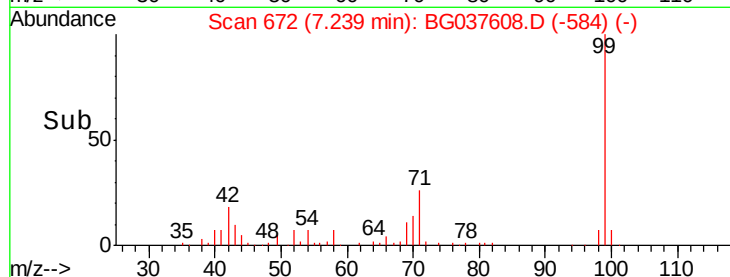
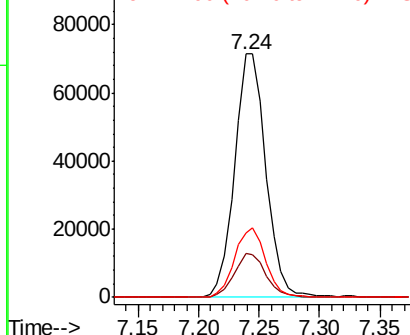
99 100

42 18.0 15.0 22.4

71 26.3 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 6.153 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037608.D

Acq: 27 Oct 2018 8:52

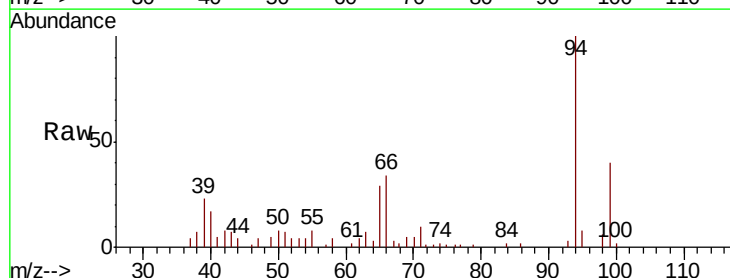
Tgt Ion: 94 Resp: 34055

Ion Ratio Lower Upper

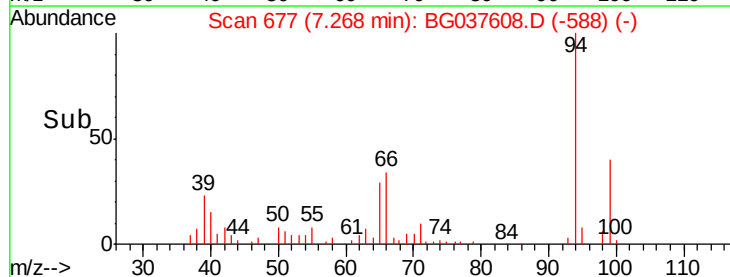
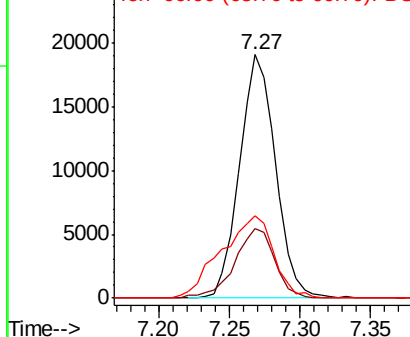
94 100

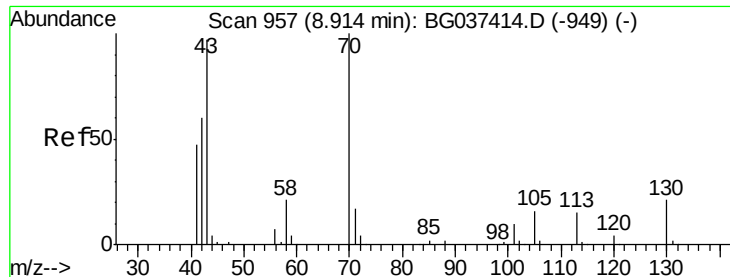
65 28.5 9.7 49.7

66 33.9 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

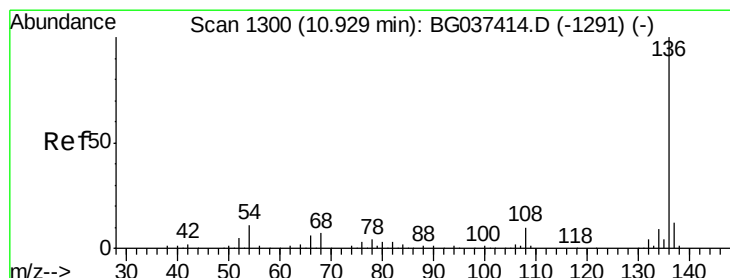
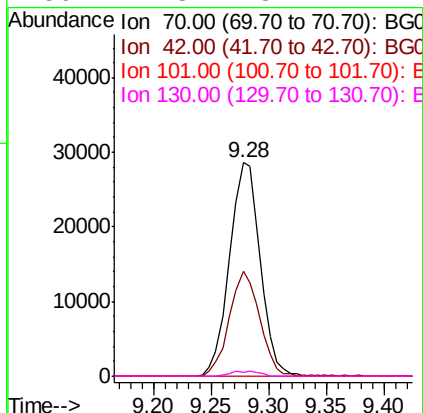
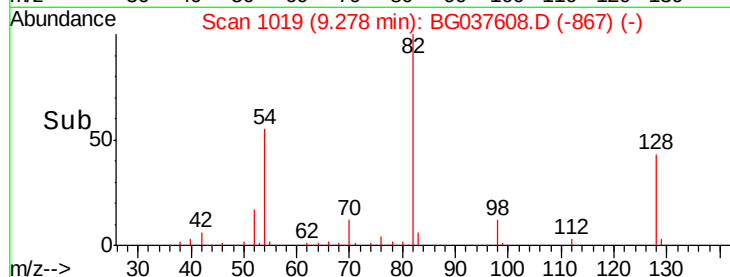
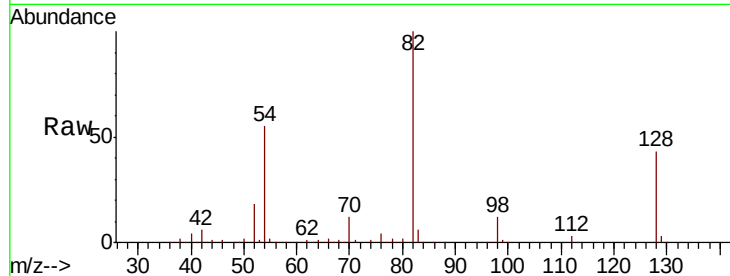




#19
n-Nitroso-di-n-propylamine
Concen: 14.582 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

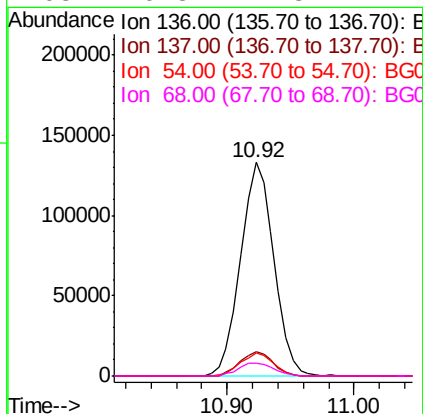
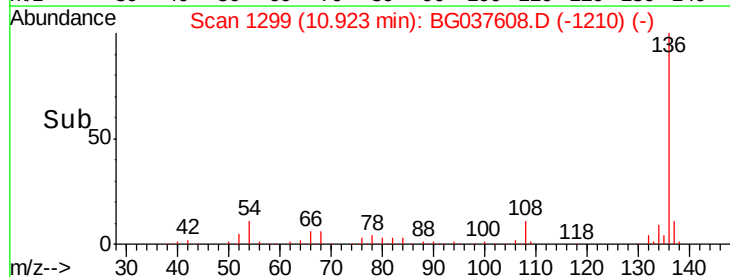
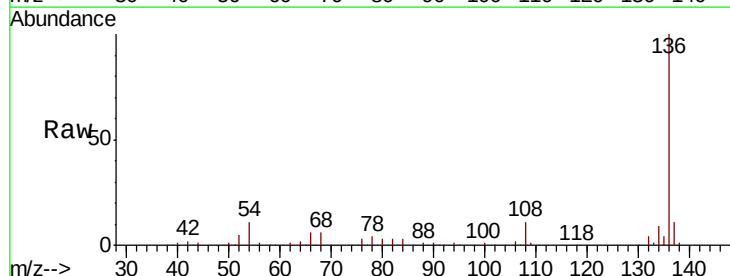
Instrument :
BNA_G
ClientSampleId :
102318-TIPC-F-D-S

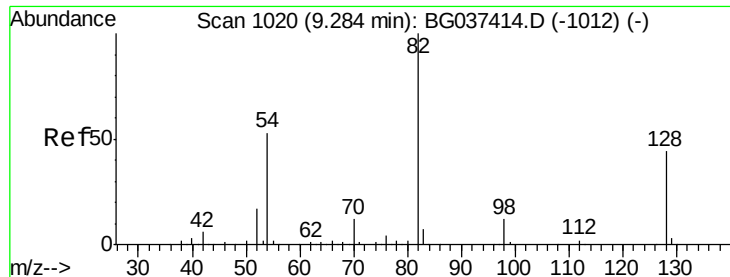
Tot Ion: 70 Resp: 52673
Ion Ratio Lower Upper
70 100
42 48.9 53.9 80.9#
101 0.0 8.2 12.2#
130 1.8 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Tgt Ion: 136 Resp: 242116
Ion Ratio Lower Upper
136 100
137 11.4 9.6 14.4
54 10.6 7.9 11.9
68 6.3 4.8 7.2

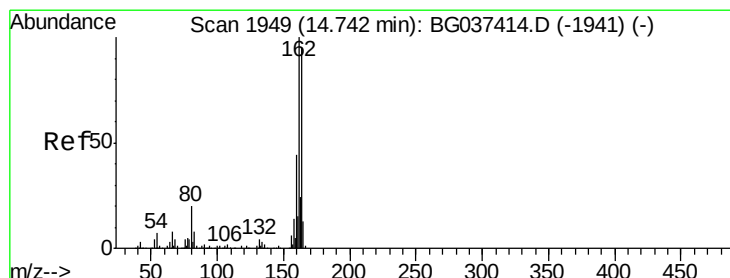
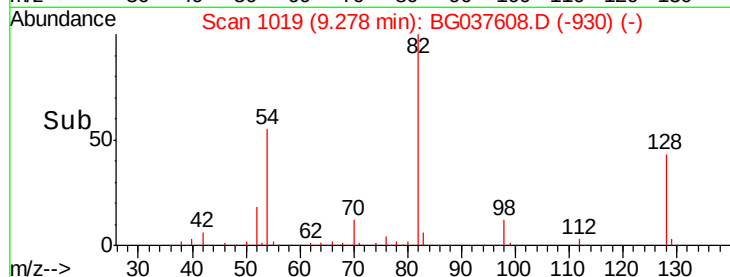
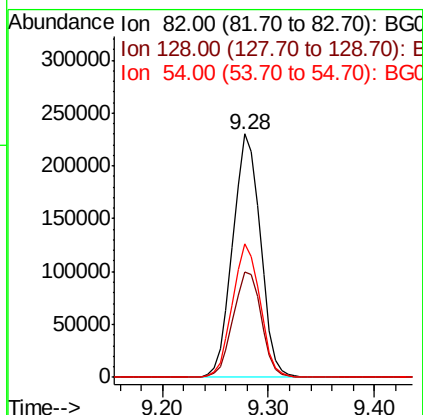
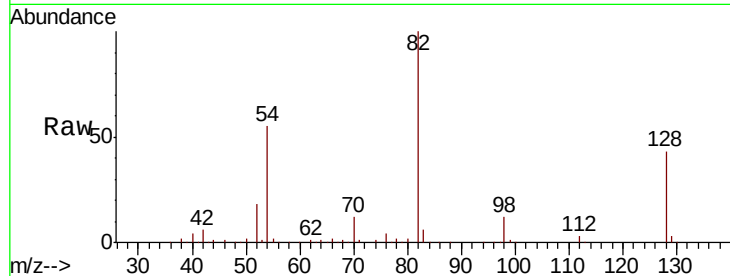




#23
 Nitrobenzene-d5
 Concen: 96.818 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037608.D
 Acq: 27 Oct 2018 8:52

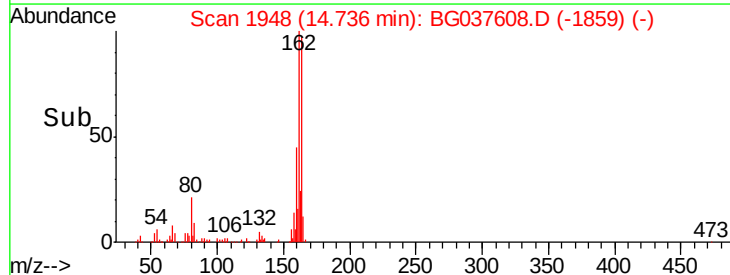
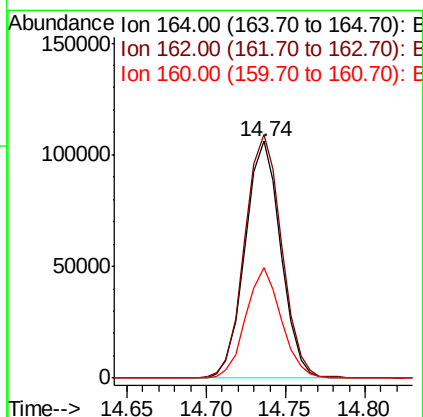
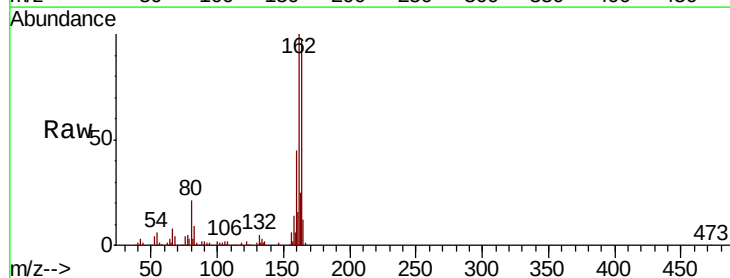
Instrument :
 BNA_G
 ClientSampleId :
 102318-TIPC-F-D-S

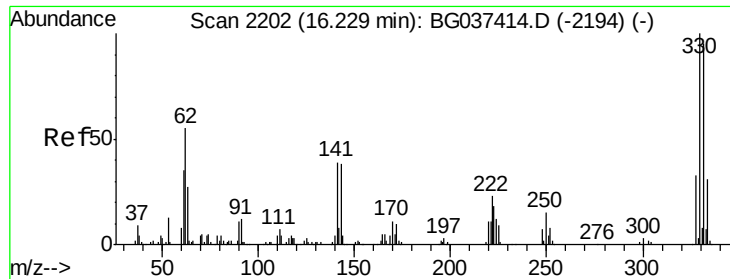
Tot Ion	82	Resp	418452
Ion Ratio	Lower	Upper	
82	100		
128	43.1	34.6	51.8
54	54.8	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037608.D
 Acq: 27 Oct 2018 8:52

Tgt Ion	164	Resp	166185
Ion Ratio	Lower	Upper	
164	100		
162	102.8	81.3	121.9
160	46.4	36.3	54.5

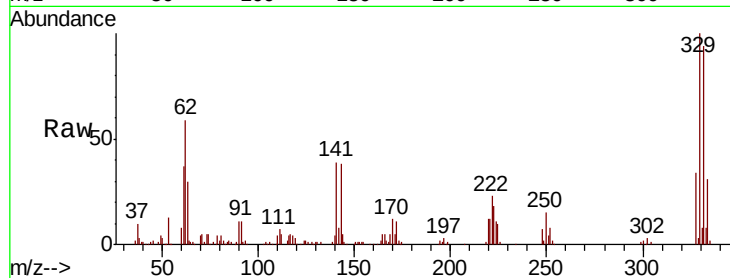




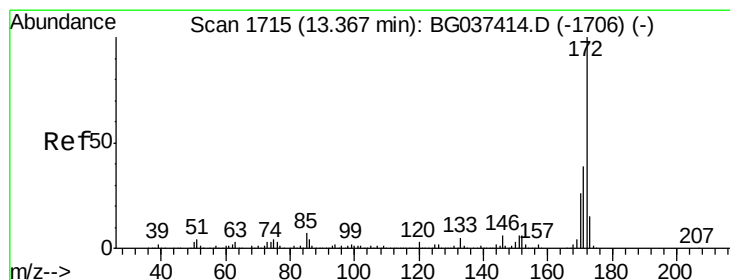
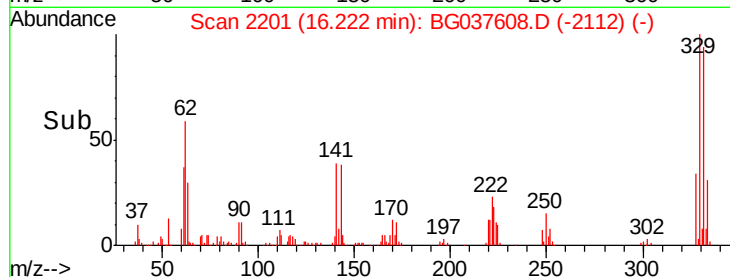
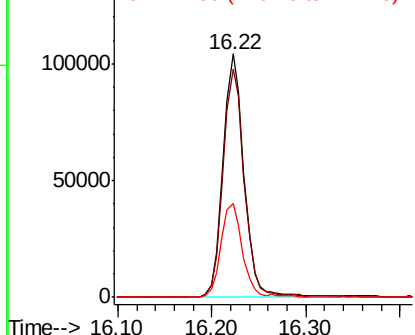
#42
 2,4,6-Tribromophenol
 Concen: 89.753 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037608.D
 Acq: 27 Oct 2018 8:52

Instrument :
 BNA_G
 ClientSampleId :
 102318-TIPC-F-D-S

Tot Ion:330 Resp: 162682
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.4 117.6
 141 39.6 32.2 48.2

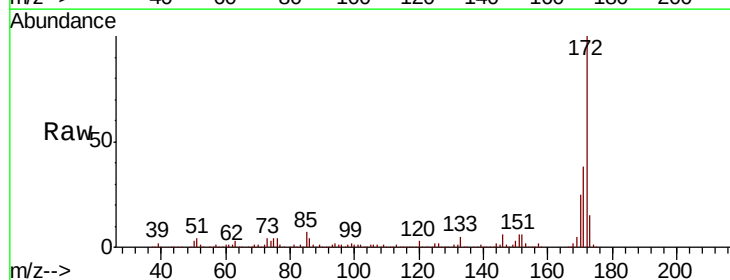


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

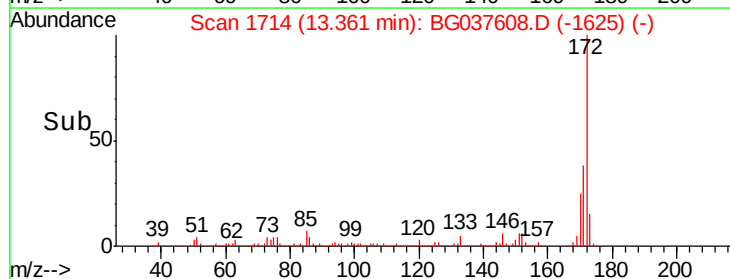
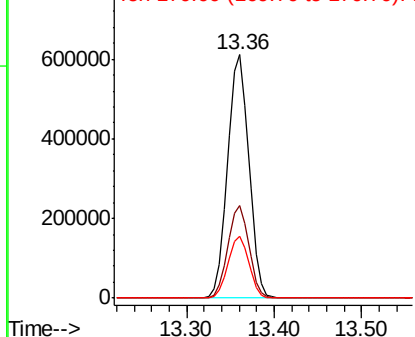


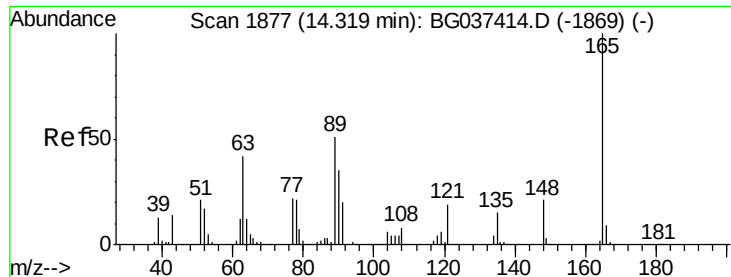
#45
 2-Fluorobiphenyl
 Concen: 91.465 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037608.D
 Acq: 27 Oct 2018 8:52

Tgt Ion:172 Resp: 1008004
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.0 46.4
 170 25.4 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

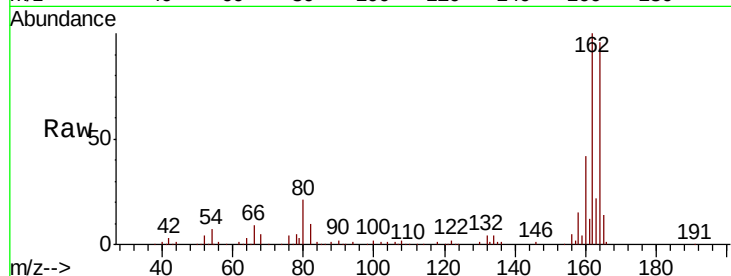




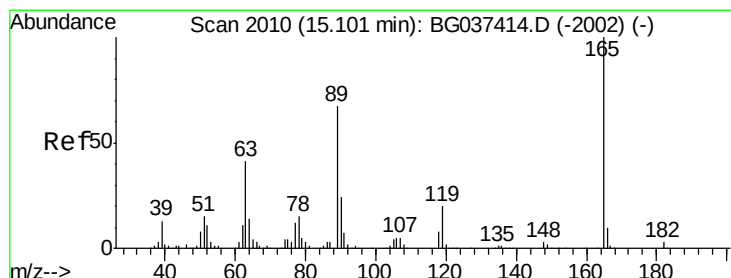
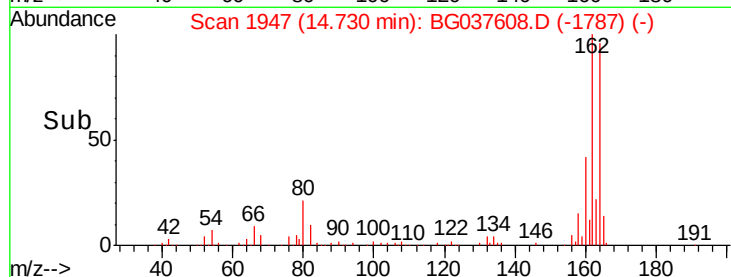
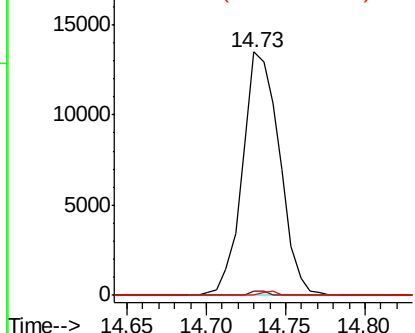
#51
 2,6-Dinitrotoluene
 Concen: 7.668 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037608.D
 Acq: 27 Oct 2018 8:52

Instrument :
 BNA_G
 ClientSampleId :
 102318-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	43.4	65.2#
89	0.0	45.8	68.6#

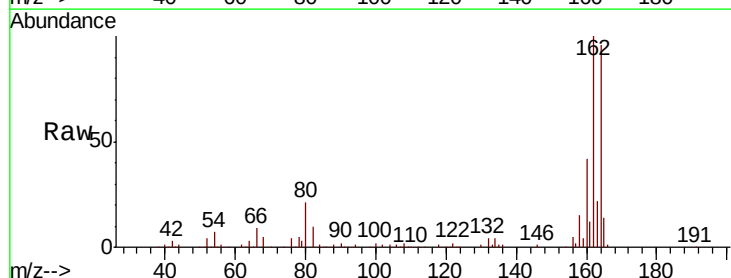


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

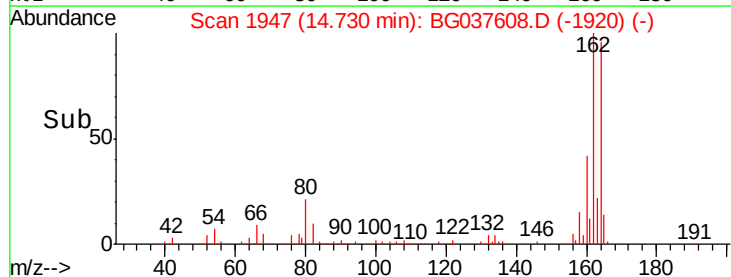
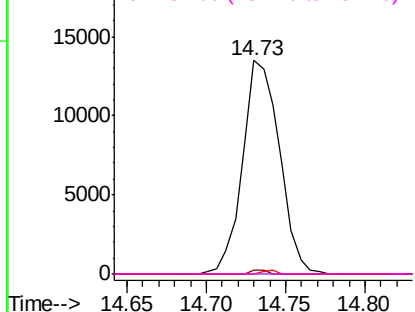


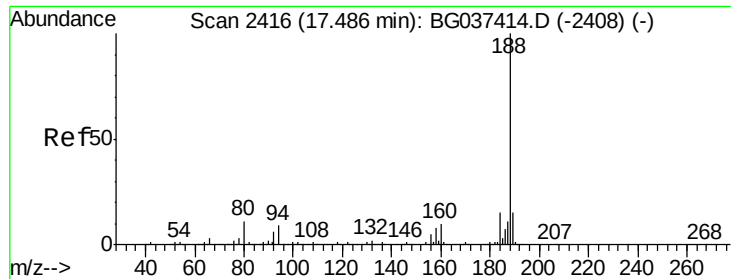
#57
 2,4-Dinitrotoluene
 Concen: 5.841 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037608.D
 Acq: 27 Oct 2018 8:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

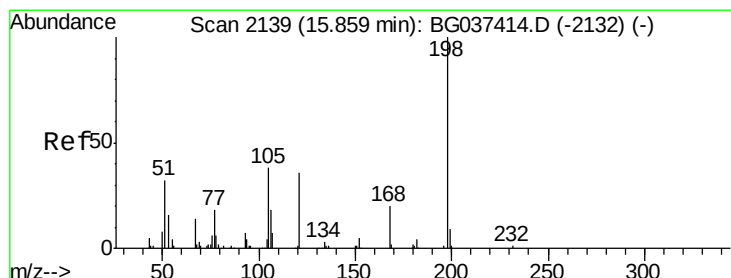
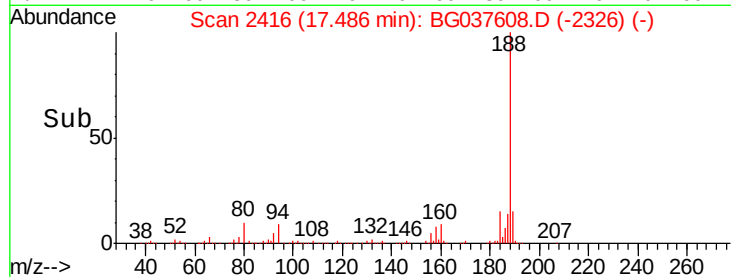
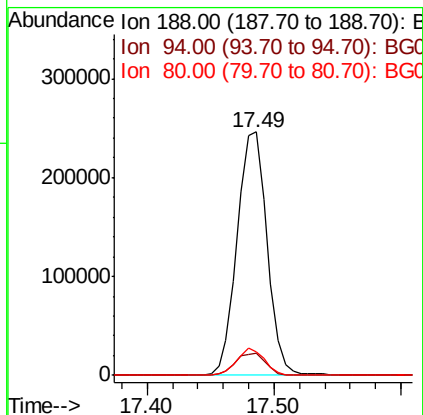
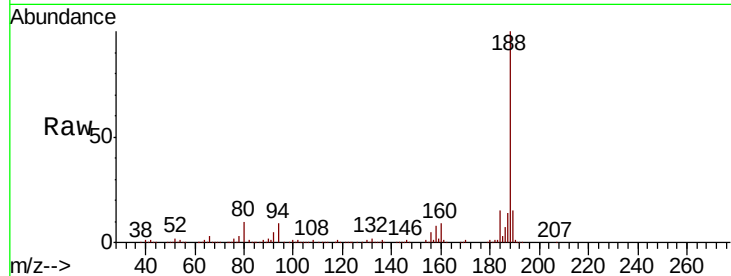




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

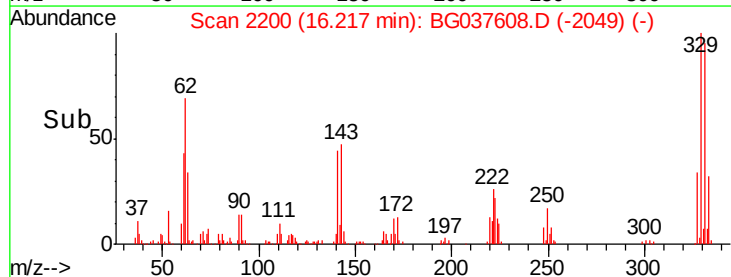
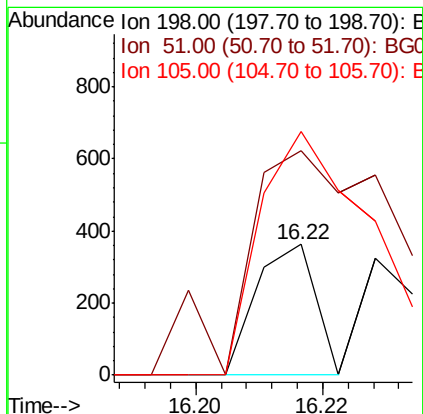
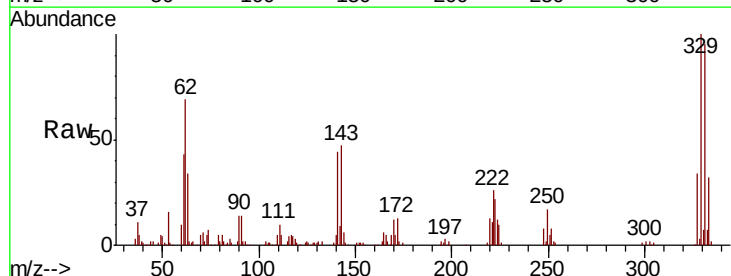
Instrument :
BNA_G
ClientSampleId :
102318-TIPC-F-D-S

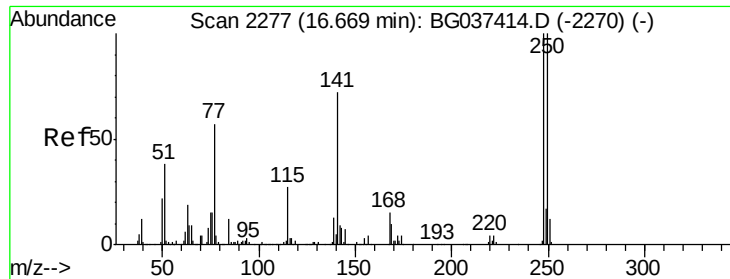
Tot Ion:188 Resp: 403249
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.7 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 8.598 ng
RT: 16.22 min Scan# 2200
Delta R.T. 0.36 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Tgt Ion:198 Resp: 233
Ion Ratio Lower Upper
198 100
51 37.9 22.7 62.7
105 41.1 19.7 59.7

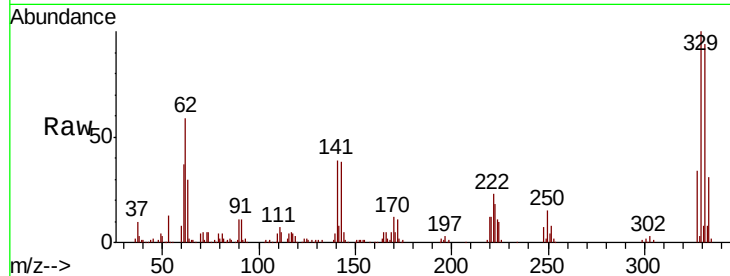




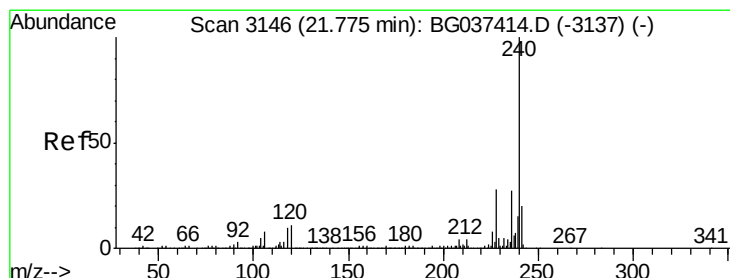
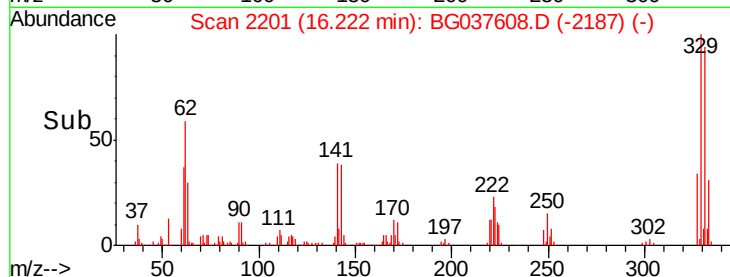
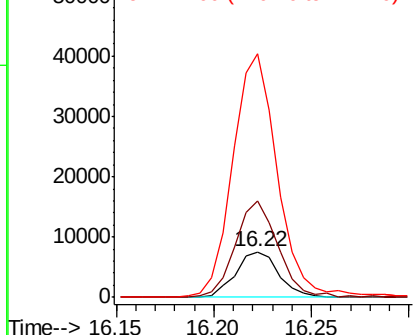
#67
4-Bromophenyl-phenylether
Concen: 2.609 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Instrument :
BNA_G
ClientSampleId :
102318-TIPC-F-D-S

Tot Ion:248 Resp: 11553
Ion Ratio Lower Upper
248 100
250 200.6 77.0 115.6#
141 406.0 55.5 83.3#

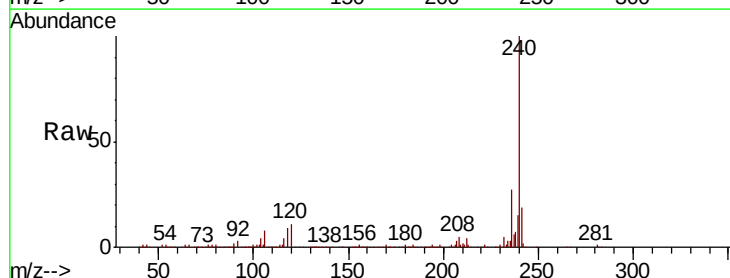


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

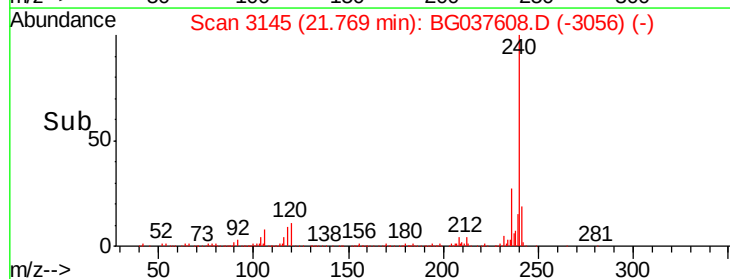
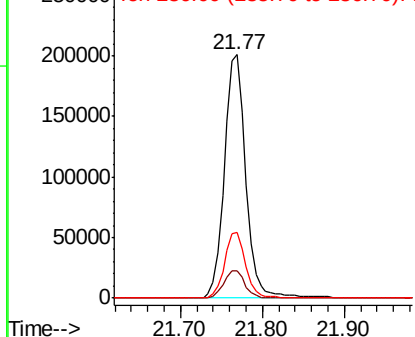


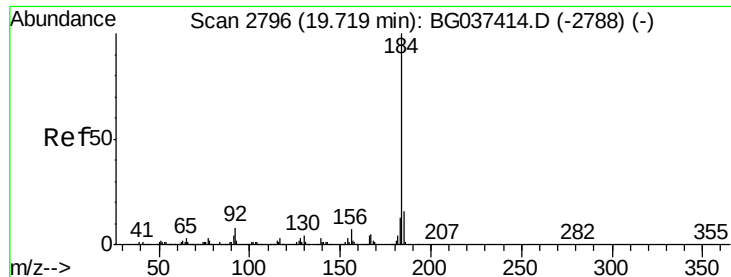
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Tgt Ion:240 Resp: 365257
Ion Ratio Lower Upper
240 100
120 11.4 8.1 12.1
236 27.0 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

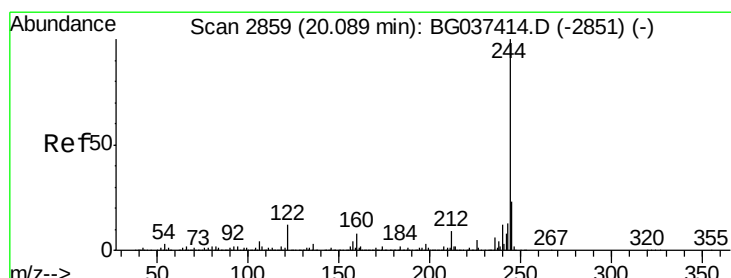
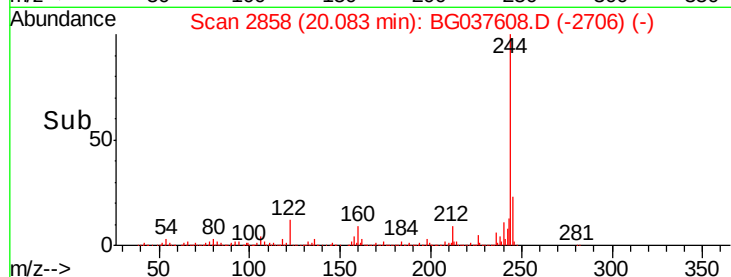
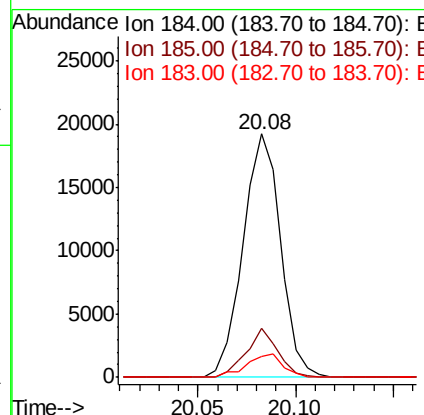
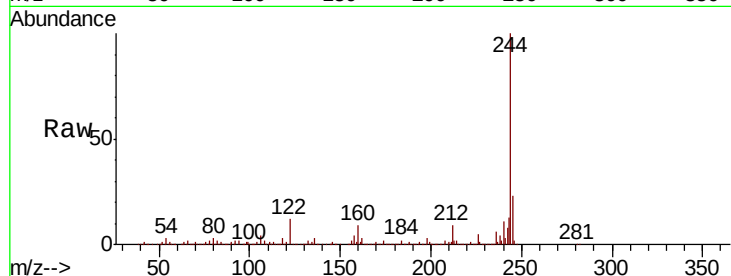




#77
Benzidine
Concen: 2.058 ng
RT: 20.08 min Scan# 2858
Delta R.T. 0.36 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

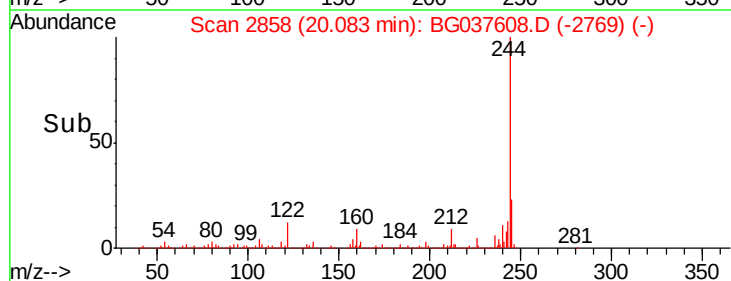
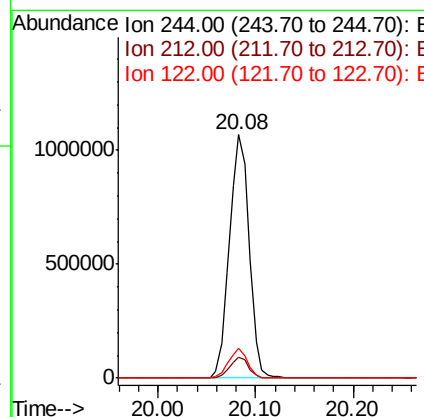
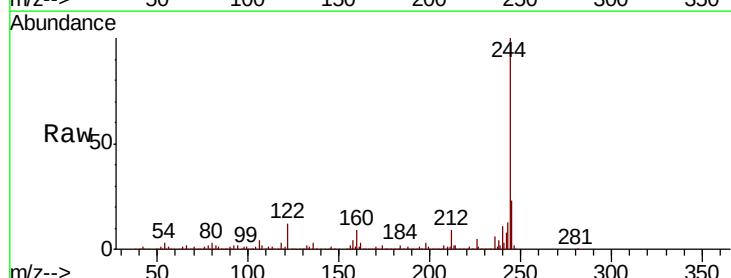
Instrument :
BNA_G
ClientSampleId :
102318-TIPC-F-D-S

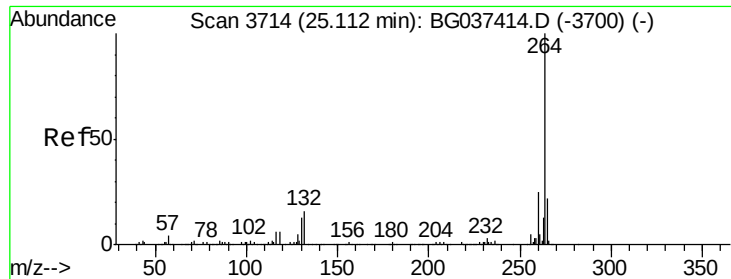
Tot Ion	Ratio	Lower	Upper
184	100		
185	20.3	12.6	18.8#
183	8.4	10.2	15.2#



#79
Terphenyl-d14
Concen: 88.011 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	12.1	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037608.D
Acq: 27 Oct 2018 8:52

Instrument :
BNA_G
ClientSampleId :
102318-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	22.0	17.9	26.9

